RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/525,301
Source: PCT
Date Processed by STIC: 3/16/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBERS: 10/543,530

ALL NEW RULES (YES): PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PROSOFTWARE

_____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to 3; this will prevent "wrapping."

2____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII — The submitted file was **not** saved in ASCII(DOS) text as required by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

5____ Variable Length — Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7____ Skipped Sequences (OLD RULES) — Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8____ Skipped Sequences (NEW RULES) — Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

10____ Invalid <213> Response — Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

11____ Use of <220> — Sequence(s) ___ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

12____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa — "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid

AMC – STIC Systems Branch – 03/02/06

RAW SEQUENCE LISTING DATE: 03/06/2006
PATENT APPLICATION: US/10/525,301 TIME: 15:59:38

Input Set : A:\23681-9966USsequencelisting.txt
Output Set: N:\CRF4\03062006\J525301.raw

3 <110> APPLICANT: Council of the Queensland Institute of Medical Research
5 <120> TITLE OF INVENTION: Novel immunogenic lipopept-ides comprising T-helper and B-cell epitopes
7 <130> FILE REFERENCE: 94946/MRO
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/525,301
C--> 9 <141> CURRENT FILING DATE: 2005-02-14
9 <150> PRIOR APPLICATION NUMBER: US 60/402838
10 <151> PRIOR FILING DATE: 2002-12-08
12 <160> NUMBER OF SEQ ID NOS: 113
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 16
18 <212> TYPE: PRT
19 <213> ORGANISM: synthetic
21 <400> SEQUENCE: 1
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24 1 5 10 15
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 10
29 <212> TYPE: PRT
30 <213> ORGANISM: synthetic
32 <400> SEQUENCE: 2
34 Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
35 1 5 10
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 9
40 <212> TYPE: PRT
41 <213> ORGANISM: synthetic
43 <400> SEQUENCE: 3
45 His Trp Ser Tyr Gly Leu Arg Pro Gly
46 1 5
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 5
51 <212> TYPE: PRT
52 <213> ORGANISM: synthetic
54 <400> SEQUENCE: 4
56 Gly Leu Arg Pro Gly
57 1 5
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 26
62 <212> TYPE: PRT
63 <213> ORGANISM: synthetic
65 <400> SEQUENCE: 5
67 Gly Ala Leu Asn Asn Arg Phe Gln Ile Lys Gly Val Glu Leu Lys Ser

1-5
Does Not Comply
Corrected Diskette Needed
invalid <2137 response.
See item 10 on Error Summary Sheet.

68 1 5 10
71 Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
72 20 25
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 26
77 <212> TYPE: PRT
78 <213> ORGANISM: synthetic
80 <400> SEQUENCE: 6
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83 1 5 10 15
86 Phe Gln Ile Lys Gly Val Glu Leu Lys Ser
87 20 25
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 27
92 <212> TYPE: PRT
93 <213> ORGANISM: synthetic
95 <400> SEQUENCE: 7
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98 1 5 10 15
101 Lys Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
102 20 25
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106 <211> LENGTH: 27
107 <212> TYPE: PRT
108 <213> ORGANISM: synthetic
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113 1 5 10 15
116 Arg Phe Gln Ile Lys Gly Val Glu Leu Lys Ser
117 20 25
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121 <211> LENGTH: 27
122 <212> TYPE: PRT
123 <213> ORGANISM: synthetic
125 <400> SEQUENCE: 9
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128 1 5 10 15
131 Leu Lys His Trp Ser Tyr Gly Leu Arg Pro Gly
132 20 25
135 <210> SEQ ID NO: 10
136 <211> LENGTH: 28
137 <212> TYPE: PRT
138 <213> ORGANISM: synthetic
140 <400> SEQUENCE: 10
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146 Ile Lys Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
147 20 25
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162 20 25
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167 <212> TYPE: PRT
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173 1 5 10 15
176 Ser Lys Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
177 20 25
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181 <211> LENGTH: 23
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183 <213> ORGANISM: synthetic
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188 1 5 10 15
191 Leu Lys Gly Leu Arg Pro Gly
192 20
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 23
197 <212> TYPE: PRT
198 <213> ORGANISM: synthetic
200 <400> SEQUENCE: 14
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203 1 5 10 15
206 Ile Lys Gly Leu Arg Pro Gly
207 20
210 <210> SEQ ID NO: 15
211 <211> LENGTH: 23
212 <212> TYPE: PRT
213 <213> ORGANISM: synthetic
215 <400> SEQUENCE: 15
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218 1 5 10 15
221 Asn Lys Gly Leu Arg Pro Gly
222 20
225 <210> SEQ ID NO: 16
226 <211> LENGTH: 23
227 <212> TYPE: PRT
228 <213> ORGANISM: synthetic
230 <400> SEQUENCE: 16

RAW SEQUENCE LISTING DATE: 03/06/2006
PATENT APPLICATION: US/10/525,301 TIME: 15:59:[illegible]

Input Set : A:\[illegible]sequencelisting.txt
Output Set: N:\CRF4\03062006\J525301.raw

232 Pro Arg Tyr Ile Ala Thr Asn Gly Tyr Leu Ile Ser Asn Phe Asp Glu
233 1 5 10 15
236 Ser Lys Gly Leu Arg Pro Gly
237 20
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241 <211> LENGTH: 5
242 <212> TYPE: PRT
243 <213> ORGANISM: synthetic
245 <400> SEQUENCE: 17
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252 <211> LENGTH: 15
253 <212> TYPE: PRT
254 <213> ORGANISM: synthetic
256 <400> SEQUENCE: 18
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259 1 5 10 15
262 <210> SEQ ID NO: 19
263 <211> LENGTH: 15
264 <212> TYPE: PRT
265 <213> ORGANISM: synthetic
267 <400> SEQUENCE: 19
269 Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly Val
270 1 5 10 15
273 <210> SEQ ID NO: 20
274 <211> LENGTH: 17
275 <212> TYPE: PRT
276 <213> ORGANISM: synthetic
278 <400> SEQUENCE: 20
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281 1 5 10 15
284 Asn
288 <210> SEQ ID NO: 21
289 <211> LENGTH: 17
290 <212> TYPE: PRT
291 <213> ORGANISM: synthetic
293 <400> SEQUENCE: 21
295 Ile Gly Thr Asp Asn Val His Tyr Lys Ile Met Thr Arg Pro Ser His
296 1 5 10 15
299 Gln
303 <210> SEQ ID NO: 22
304 <211> LENGTH: 17
305 <212> TYPE: PRT
306 <213> ORGANISM: synthetic
308 <400> SEQUENCE: 22
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311 1 5 10 15
314 Ile

318 <210> SEQ ID NO: 23
319 <211> LENGTH: 17
320 <212> TYPE: PRT
321 <213> ORGANISM: synthetic
323 <400> SEQUENCE: 23
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329 Glu
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 17
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336 <213> ORGANISM: synthetic
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341 1 5 10 15
344 Leu
348 <210> SEQ ID NO: 25
349 <211> LENGTH: 17
350 <212> TYPE: PRT
351 <213> ORGANISM: synthetic
353 <400> SEQUENCE: 25
355 Leu Ile Glu Asn Cys Thr Lys Ala Glu Leu Gly Glu Tyr Glu Lys Leu
356 1 5 10 15
359 Leu
363 <210> SEQ ID NO: 26
364 <211> LENGTH: 17
365 <212> TYPE: PRT
366 <213> ORGANISM: synthetic
368 <400> SEQUENCE: 26
370 Ala Glu Leu Gly Glu Tyr Glu Lys Leu Leu Asn Ser Val Leu Glu Pro
371 1 5 10 15
374 Ile
378 <210> SEQ ID NO: 27
379 <211> LENGTH: 17
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381 <213> ORGANISM: synthetic
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386 1 5 10 15
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393 <210> SEQ ID NO: 28
394 <211> LENGTH: 17
395 <212> TYPE: PRT
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400 Glu Pro Ile Asn Gln Ala Leu Thr Leu Met Thr Lys Asn Val Lys Pro
401 1 5 10 15
404 Leu
408 <210> SEQ ID NO: 29

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/525,301

DATE: 03/06/2006
TIME: 15:59:39

Input Set : A:\25681-0006 Sequence Listing.txt
Output Set: N:\CRF4\03062006\J525301.raw

L:1 M:270 C: Current Application Number differs, Replaced Current Application No
L:1 M:271 C: Current Filing Date differs, Replaced Current Filing Date